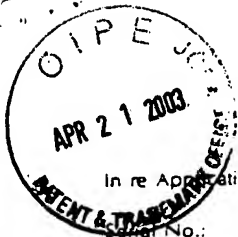


1742/10



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Morris Dilmore et al
Serial No.: 10/039,811

Filed: Jan. 8, 2002.

Title: METAL CONSOLIDATION PROCESS APPLICABLE TO
FUNCTIONALLY GRADIENT MATERIAL (FGM)
COMPOSITIONS OF TANTALUM AND OTHER
MATERIALS

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Group Art Unit 1742

Examiner D. Jenkins

Our Account No. 08-0118

Our Docket No. 12,105-1

April 15, 2003
Date

Sir:

RESPONSE/AMENDMENT/LETTER

This is a response/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject, which is incorporated herewith by reference, and the signature below is to be treated as the signature to the attachment in absence of a signature thereto.

Fee requirements (if any) have been calculated as shown below:

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APR 23 2003

GROUP 1700

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Additional Fee
Total Effective Claims	16 minus**	20	-	\$18 -
Independent Claims	7 minus***	3	4	\$84 -
If amendment enters <u>proper</u> multiple dependent claim(s) into this application for <u>first</u> time, add \$280 (per application)				\$
Since Official Action set an <u>original</u> due date of _____, petition is hereby made for an extension to cover the date this response is filed for which the requisite fee is enclosed (1 month \$110; 2 months \$400; 3 months \$920)				\$
If Terminal Disclaimer enclosed, add Rule 20(d) Official Fee:				\$
Subtotal				\$ 336.
If "small entity" verified statement filed [] previously, [] herewith, enter one-half (1/2) of subtotal and <u>subtract</u> :				\$
TOTAL ADDITIONAL FEE ENCLOSED				\$ 336.

- * If the entry in this space is less than entry in ** space, the "present extra" result is "0".
- ** If the "highest number previously paid for" in this space is less than 20, write "20" in this space.
- *** If the "highest number previously paid for" in this space is less than 3, write "3" in this space.

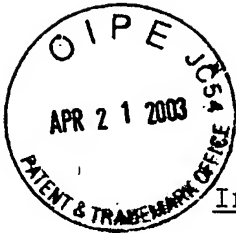
The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment to our Account/Order Nos. shown in the heading hereof, for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee, and any previous statement read to the contrary is hereby revoked.

By Atty: William W. Haefliger, Reg. No. 17,120

Signed

Tel: (323) 684-2707 or (424) 449-0467

B



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Group Art Unit 1742

Examiner: D. Jenkins

Applicant:

Morris F. Dilmore et al.

Serial No.:

10/039,811

Filed:

January 8, 2002

For:

METAL CONSOLIDATION
PROCESS APPLICABLE TO
FUNCTIONALLY GRADIENT
MATERIAL (FGM)
COMPOSITIONS OF TANTALUM
AND OTHER MATERIALS

5/02/03
H
04/29/03

Pasadena, California
April 14, 2003

A M E N D M E N T

Assistant Commissioner for Patents
Washington, D.C. 20231

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APR 23 2003
GROUP 1700

Sir:

In response to the office Action dated 3-25-03,
kindly enter the following:

In the Claims

Cancel claims 1-31, without prejudice, if not
already deleted.

Please amend claims 32, 35, 40, 44, 45, 46, and
47, as follows:

B